

| CUSTOMER TERMINAL | RoHS | LEAD(Pb)-FREE |
|-------------------|------|---------------|
| Sn96%, Ag4%       | Yes  | Yes           |

more than you expect

Midcom

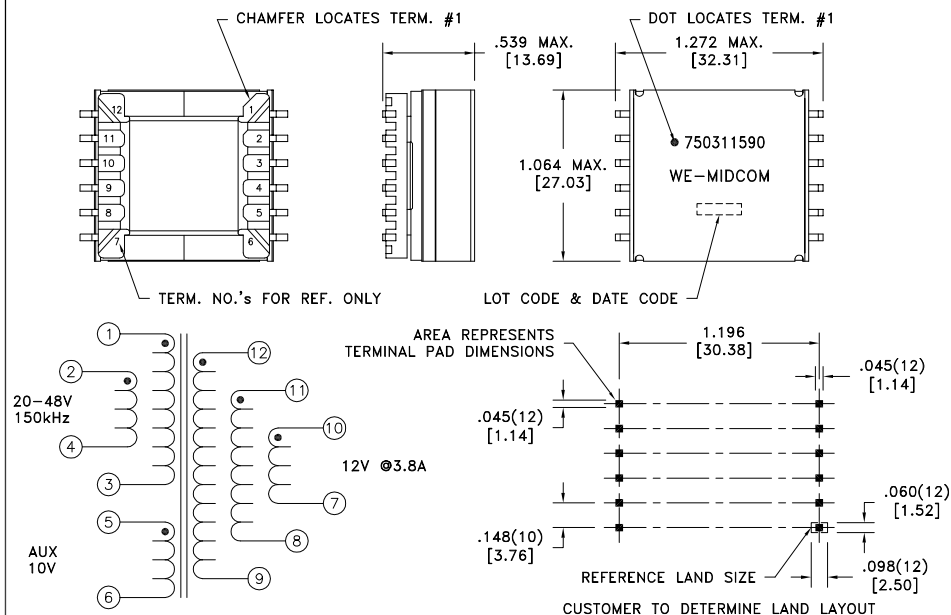


# ELECTRICAL SPECIFICATIONS @ 25°C unless otherwise noted:

| PARAMETER          | TEST CONDITIONS                                            | VALUE                  |
|--------------------|------------------------------------------------------------|------------------------|
| D.C. RESISTANCE    | 1-3 tie(1+2, 3+4), @20°C                                   | 0.015 ohms max.        |
| D.C. RESISTANCE    | 12-9 tie(12+11+10, 9+8+7), @20°C                           | 0.008 ohms max.        |
| D.C. RESISTANCE    | 5-6 @20°C                                                  | 0.020 ohms max.        |
| INDUCTANCE         | 1-3 150kHz, 100mVAC, Ls                                    | 8.00uH ±10%            |
| SATURATION CURRENT | 20% rolloff from initial                                   | 18A                    |
| LEAKAGE INDUCTANCE | 1-3 tie(1+2, 3+4, 5+6, 7+8+9+10+11+12), 100kHz, 50mVAC, Ls | 200nH typ., 400nH max. |
| DIELECTRIC         | 1-12 tie(1+2+5, 7+8+9), 1875VAC, 1 second                  | 1500VAC, 1 minute      |
| URNS RATIO         | (1-3):(5-6)                                                | 2:1, ±1%               |
| URNS RATIO         | (1-3):(12-9)                                               | 2:1, ±1%               |

## GENERAL SPECIFICATIONS:

66 OPERATING TEMPERATURE RANGE: -40°C to +125°C including temp rise.



Customer tie terminals 1&2, 3&4, 7&8&9 and 10&11&12 on pcb for correct operation.

Wire insulation & RoHS status not affected by wire color.  
Wire insulation color may vary depending on availability.

| REV. | DATE | Packaging Specifications                                    | CONVENTION PLACEMENT | Tolerances unless otherwise specified:<br>Angles: ±1°<br>Fractions: ±1/64<br>Decimals: ±.005 [.13]<br>Footprint: ±.005 [.13] | DRAWING TITLE<br><b>TRANSFORMER</b> | PART NO.<br><b>750311590</b> |
|------|------|-------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|------------------------------|
| 6C   | 7/13 | Method: Tape & Reel<br>PKG-0605<br>www.we-online.com/midcom |                      |                                                                                                                              |                                     |                              |
| 6B   | 1/12 | SEE REVISION SHEET FOR REVISION LEVEL                       |                      | This drawing is dual dimensioned. Dimensions in brackets are in millimeters.                                                 | eiSos p/n: 750311590                | SPECIFICATION SHEET 1 OF 1   |
| 6A   | 8/10 |                                                             |                      |                                                                                                                              |                                     |                              |

